

## RESIN BOND

concentrated polymer admixture resin for cement based products

### MISCELLANEOUS PRODUCTS



Resin Bond is a concentrated acrylic polymer admixture resin designed for cement based products and as a binder for coatings over cement substrates. Resin Bond offers improved flow and good workability with cement products. It has good open time and provides excellent adhesion and water resistance, in both interior and exterior applications.

#### Key Features & Typical Benefits

- Superior bonding properties for cementitious products.
- High solids content is dilutable for many different applications.
- This formula well exceeds strength requirements for latex bonding agents.
- Non-flammable and low odor formula for easy indoor use.
- VOC compliant for most areas in the United States and Canada.

#### Recommended Applications

Effective on applications such as...

- Cement Stuccos
- Overlay Systems
- Concrete Mix
- Portland Cement
- Many other cementitious systems where a high strength bond is required.



#### Specifications / Compliances

- ASTM C-1059 91
- ASTM C-1042
- Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

#### Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	50% +/- 1%
Dry Time - Tack Free	N/A
Dry Time - Foot Traffic	N/A
Dry Time - Heavy Traffic	N/A
Re-Coat Time Window	N/A
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	Less than 100 grams/Liter
Appearance - Wet	Thick - Milky White
Appearance - Dry	Varies

Testing in accordance with procedures outlined in EPA Method 24, "Volatile Organic Content VOC of Paints and Related Coatings". The solids content was determined in accordance with ASTM D 5095 and the VOC was calculated in accordance with ASTM D 3960.

# Resin Bond

## Application Instructions

Substrate temperature must be no less than 40 degrees F and not exceed 80 degrees F.

**COVERAGE RATE:** Coverage rates vary for each application.

\*Coverage rates vary depending upon surface porosity, texture, and application method.

**APPLICATION:**

\*Please use the manufacturer's directions of the cementitious product used in conjunction with Resin Bond.

\*\*Below is an example of a common use of this product. Surface Koatings, Inc. does not necessarily recommend or warranty the statement below as its intended use is for example purposes only.

A 5000-psi mortar substrate was sandblasted, then coated dry with cement polymer slurry using Resin Bond. This slurry consisted of polymer @ 25% solids (1:1 Resin Bond/Water) and cement, at a ratio of 2 parts cement to 1 part polymer emulsion by weight. Over a 28 day test period all samples passed ASTM C 1042 type II lattices and outperformed competitive products adhesion and bonding strength tests.

**PLEASE NOTE:** It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all liquids/coatings and substrates depending on porosity, density, texture etc.

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## Precautions and Limitations

- This product will freeze during storage. Store at temperatures above 40°F.
- All HVAC ventilation ducts should be somehow blocked prior to application so fumes are not distributed.
- This product is harmful if swallowed. Abide by recommended safety guidelines.
- This product was designed for interior and exterior use.
- It is recommended to test this product prior to using on entire application.
- Do not apply this product as a cure and seal or any other form of concrete coating.
- This product should only be per cement product manufacturer's stated specifications.
- Check compliance regulations in your area prior to using this product as your choice of cementitious binder.

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**CLEAN-UP:** Use soap and water. Dispose of containers in accordance with local, state and federal regulations.

**PRODUCT REMOVAL:** Attempted removal of this product is not recommended.

**SHELF LIFE:** Up to one year from manufacture date in its original, unopened container stored at room temperature.

**PACKAGING:** Available in 1 gallon, 5 gallon and 55 gallon containers.

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.